



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION

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COAN RIVER, THE GLEBE AND KINGSCOTE CREEK

Growing Area # 008
Northumberland County
Shoreline Sanitary Survey

Date: 14 September 2001

Survey Period: June 4 – September 10, 2001

Total Number of Properties Surveyed: 1047

Survey By: J.E. Davis and J.D. Dickerson

Section A: General

This survey area extends from Reference Point 8 at the end of State Route 680 (extended to the shoreline) to Reference Point 9 at Great Point, including the Potomac River shoreline between these two points, Garners Creek, Judith Sound, Kingscote Creek, The Glebe (Wrights Cove, Glebe Creek), Coan River (Killneck Creek, Mill Creek, Coan Mill Stream, Headley Creek, Boathouse Pond), Balls Creek and all of their tributaries. The survey boundary has been revised. See map for current boundary.

The topography in this area varies from 5' or less along the shoreline to a maximum of 150' at the southwestern edge of the survey boundary. The population density is mostly sparse with heavier concentrations around the various communities and subdivisions along the shoreline. The economy is based primarily on agriculture, seafood and service oriented businesses.

Meteorological data indicated that 7.22" of rain fell June 4-30, 8.62" July 1-31, 8.81" August 1-31, and .21" September 1-10 for a total of 24.86" for the survey period.

The current restriction on shellfish harvesting is Condemned Shellfish Area #145, Coan River and The Glebe, revised 18 November 1999. Copies of bacteriological, hydrographical, and shellfish closure data are available at the area field office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

Information in this report is gathered by and primarily for the use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data is made available to various agencies participating in shellfish program coordinated activities and other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Section B.2 and the Department of Environmental Quality, Water Regional Office for possible action at the properties listed on the summary page in Sections

C.1 and C.2. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or other environmental significance. **“DIRECT”** indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and available for reference until superseded by a subsequent resurvey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT WORKS

-None-

ONSITE SEWAGE DEFICIENCIES

1. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 5659 McClellan Road, Mechanicsville 23111. Owner: 312 Judith Sound Circle, Lottsburg 22511. Dwelling - white asbestos and vinyl siding 1 story. 2 persons. Laundry wastes discharge through a ½” garden hose onto ground surface. Sanitary Notice issued 7-13-01 to field #A37.
2. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 219 Judith Sound Road, Lottsburg 22511. Owner: 6879 Snowberry Court, Frederick, MD 21703-7186. Dwelling - light grey vinyl siding 2 story with white trim. 2 persons. Laundry wastes discharge through a 1” white PVC pipe into a 4” black plastic pipe onto ground surface. Sanitary Notice issued 7-19-01 to field #A59.
3. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 318 Lewisetta Road, Lottsburg 22511. Owner: 1307 Johanna Bay Court, Midlothian 23113. Dwelling - tan cement block and frame 1½ story with white trim. No contact. Laundry wastes discharge through a 2” white PVC pipe onto ground surface. Sanitary Notice issued 7-20-01 to field #A86.
5. CONTRIBUTES POLLUTION – Location: 209 Lewisetta Road, Lottsburg 22511. Owners: PO Box 66, Lottsburg. Dwelling - white asbestos shingle 1½ story with grey shutters. No contact. Recent eruption of effluent from septic tank and drainfield onto ground surface. Sanitary Notice issued 7-24-01 to field #A96.
6. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 16 River Road, Lottsburg 22511. Owner: 4501 Tweedmuir Turn, Moseley 23120. Dwelling - tan frame 1 story with dark brown trim. No contact. Kitchen wastes discharge through a broken 2” tan PVC pipe onto ground surface. Sanitary Notice issued 7-25-01 to field #A112.
9. CONTRIBUTES POLLUTION – Location: 39 Island Lane, Lottsburg 22511. Dwelling - white house trailer with grey trim. 2 persons. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 8-1-01 to field #A150.
12. CONTRIBUTES POLLUTION – Location: 133 Lake Francis Lane, Lottsburg 22511. Dwelling - tan frame 1 story with a red door. No contact. Effluent erupting from an exposed drainline onto ground surface. Sanitary Notice issued 8-6-01 to field #A160.

13. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 3626 Snyder Road, Richmond 23235. Dwelling - tan cement block 1 story with dark brown trim and shutters. No contact. Laundry wastes discharge through a 1" black rubber hose onto ground surface. Sanitary Notice issued 8-6-01 to field #A211.
14. CONTRIBUTES POLLUTION – Location: 988 Cowart Road, Lottsburg 22511. Dwelling - cream frame 1 story with dark brown trim and shutters. No contact. Privy full to riser. Sanitary Notice issued 8-8-01 to field #A238.
15. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Location: 272 Highland Point Road, Lottsburg 22511. Owner: PO Box 1022, Callao 22435. Dwelling - brick 1 story with white trim and shutters. No contact. Laundry wastes discharge through a 2" red rubber hose into a swale that drains to an unnamed tributary of The Glebe. Sanitary Notice issued 8-16-01 to field #A262.
16. NO FACILITIES – Location: 5497 Rainier Drive, Mechanicsville 23111. Dwelling - tan frame 1 story cottage with white trim. No contact. Sanitary Notice issued 8-16-01 to field #A270.
17. NO FACILITIES – Location: 116 Country Haven Road, Lottsburg 22511. Owner: PO Box 1197, Spotsylvania 22553. Dwelling - white house trailer with brown shutters. No contact. Sanitary Notice issued 8-16-01 to field #A278.
18. CONTRIBUTES POLLUTION – Location: 3856 Lewisetta Road, Lottsburg 22511. Dwelling - white frame 2 story. 3 persons. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 8-21-01 to field #A308.
19. CONTRIBUTES POLLUTION – Location: 1055 Glebe Road, Lottsburg 22511. Dwelling - brick 1 story with white trim and green shutters. 1 person. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 9-6-01 to field #659.
20. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: PO Box 65, Lottsburg 22511. Dwelling - white vinyl siding 2 story. 1 person. Laundry wastes discharge through a 2" black plastic hose onto ground surface. Sanitary Notice issued 8-30-01 to field #615.
21. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 39 Lake Road, Lottsburg 22511. Owner: PO Box 156, Callao 22435. Dwelling - white asbestos shingle 2 story. 4 persons. Kitchen waste erupting from grease trap drainline onto ground surface next to house. Sanitary Notice issued 8-30-01 to field #608.
23. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 264 Coan Harbor Drive, Lottsburg 22511. Owner: PO Box 145, Lottsburg. Dwelling - gray frame and vinyl siding 1 story with white trim. 2 persons. Laundry wastes discharge through a 2" white PVC pipe onto ground surface. Sanitary Notice issued 8-27-01 to field #557.
24. CONTRIBUTES POLLUTION – Location: 1391 Lake Road, Lottsburg 22511. Owner: 1723 Lake Road, Lottsburg. Dwelling - cream house trailer with blue trim and shutters. No contact. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 8-27-01 to field #550.

27. CONTRIBUTES POLLUTION, ***DIRECT*** – Location: 494 Oyster Road, Lottsburg 22511. Owner: 755 Lake Landing Road, Lottsburg. Dwelling - white asbestos shingle 2 story with green shutters. No contact. Effluent erupting from drainfield onto ground surface 50' from the Coan River at 5' elevation. Sanitary Notice issued 8-16-01 to field #432.
29. CONTRIBUTES POLLUTION – Location: 1620 Lake Road, Lottsburg 22511. Owner: 886 Bundick Road, Lottsburg. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 7-25-01 to field #390.
30. CONTRIBUTES POLLUTION – Location: 233 Bundick Road, Lottsburg 22511. Owner: PO Box 2, Lottsburg. Dwelling - gray frame 1 story with brown trim and red shutters. No contact. The 4" white PVC sewer pipe from house to septic tank is broken. Sanitary Notice issued 7-24-01 to field #382.
31. CONTRIBUTES POLLUTION – Location: 52 Lake Road, Lottsburg 22511. Owner: PO Box 156, Callao 22435. Dwelling - brick 1 story with white trim. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 7-19-01 to field #285.
33. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 606 Kingston Road, Lottsburg 22511. Owner: 3954 Pinehurst Avenue, Baltimore MD, 21215. Dwelling - white cement block 1 story with black shutters. 2 persons. Effluent erupting from grease trap onto ground surface. Sanitary Notice issued 7-17-01 to field #249.
35. CONTRIBUTES POLLUTION – Location: 317 Forest Landing Road, Heathsville 22473. Dwelling - white frame 2 story. 1 person. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 7-10-01 to field #351.
37. CONTRIBUTES POLLUTION – Location: 745 Rowes Landing Road, Heathsville 22473. Dwelling - white cement block 1 story. 1 person. Indoor bathtub drains through a 3" white PVC pipe onto ground surface. Sanitary Notice issued 6-19-01 to field #114.
41. CONTRIBUTES POLLUTION – Location: 7253 Northumberland Highway, Heathsville 22473. Owner: PO Box 365, Heathsville. Dwelling - white frame 2 story with green shutters. 3 persons. Effluent erupting from septic tank and distribution box onto ground surface. Sanitary Notice issued 6-10-01 to field #67.

POTENTIAL POLLUTION

4. Location: 51 Church Lane, Lottsburg 22511. Owners: 1210 Mint Leaf Lane, Fredericksburg 22407. Dwelling - tan frame 2 story with black shutters. No contact. A tan 1" rubber hose of undetermined origin was observed exiting side of house. No evidence of discharge at time of inspection.
- 4A. Location: 109 Church Lane, Lottsburg 22511. Dwelling - white vinyl siding 2 story lighthouse cottage. No contact. Owner appears to have installed another drainline to the existing drainfield without a local health department permit. The drainline ends near the edge of the front yard ditch. No evidence of discharge at time of inspection.

SECTION C: NON-SEWAGE POLLUTION SOURCES

INDUSTRIAL WASTES

7. Lewisetta Marina, 369 Church Lane, Lottsburg 22511. Commercial marina. 4 employees. Observed onsite were 1x1000 gallon diesel fuel tank, 1x1000 gallon and 1x2000 gallon unleaded fuel tanks and 1x275 gallon kerosene tank inside a concrete berm. The berm has gate valves at the bottom to let out any rainwater that accumulates on the inside. Also observed onsite were 1x300 gallon used oil tank, 1x55 gallon used antifreeze tank and 8 batteries on a pallet. All of the items mentioned above were situated on a concrete pad.
25. **DIRECT** – Keyser Brothers, Incorporated (Calvin Keyser), 1122 Honest Point Road, Lottsburg 22511. Business - shellfish shucker packer (VA-671SP). 6 employees. Processing wastes discharge into the Coan River. Currently operating under permit #VAG524037 from the Department of Environmental Quality, Water Regional Office.
26. Coan River Marina, 3170 Lake Road, Lottsburg 22511. Business - commercial marina. 2 employees. Observed onsite was 1x1000 gallon unleaded fuel tank with a concrete berm.
28. **DIRECT** – Cowart Seafood Company, Incorporated and Lake Packing Company, 755 Lake Landing Road, Lottsburg 22511. Business - shellfish shucker packer (VA-90SP). 40 employees. Processing and washdown wastes discharge into the Coan River. The cannery liquid wastes drain into septic tanks and are pumped into a spray irrigation system with a permitted discharge of .0220 MGD. Currently operating under permit # VAG524048 from the Department of Environmental Quality, Water Regional Office. Also observed onsite were 1x1000 gallon unleaded fuel tank, 1x1000 gallon #2 diesel fuel tank (both without berms) and 1x12000 gallon #4 fuel oil tank inside a concrete berm.
32. Toms Repair Service, 2631 Northumberland Highway, Lottsburg 22511. Owner: PO Box 156, Callao 22435. Business - automotive repair. 2 employees. Observed onsite were 1x550 gallon used oil tank and 3x55 gallon drums that were used for oil and other fluids. The tank and the drums were not enclosed inside a berm.
39. Alliance Fertilizer of the Northern Neck, 6961 Northumberland Highway, Heathsville 22473. Business - bulk fertilizer distributor. 2 employees. Observed onsite were 1x550 gallon diesel tank, 1x550 gallon unleaded fuel tank and 2x 24,000 gallon nitrogen solution tanks. All of the tanks were surrounded by a 2' concrete berm.
40. Texaco Service Station, 7043 Northumberland Highway, Heathsville 22473. Owner: Walter L. Kilduff Incorporated, PO Box 292, Reedville 22539. Business - automotive repair and service. 5 employees. Observed onsite was 1x550 gallon used oil tank without a berm.

SOLID WASTE DUMPSITES

34. Riteway Recycling, 4049 Northumberland Highway, Lottsburg 22511. Owner: 3742 Northumberland Highway, Lottsburg. Business - recycling center and solid waste transfer facility. No contact. Observed onsite were several receptacles for plastic, glass, paper and scrap metal.

SECTION D: BOATING ACTIVITY

MARINAS

7. Lewisetta Marina, 369 Church Lane, Lottsburg 22511. Commercial marina. 4 employees. 27 slips/moorings/28 dry storage spaces available. Present at time of survey were 4 pleasure boats under 26' and 14 pleasure boats over 26'; and in dry storage there were 19 pleasure boats under 26' and 2 pleasure boats over 26'. Boating services provided are fuel, water, electricity, an in-out ramp and repair. Containers are available for solid waste collection. Sanitary facilities provided are 1 commode, 1 lavatory and 1 shower for men; and 1 commode, 1 lavatory and 1 shower for women. Sewage disposal is by a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities and boat holding tank pump-out facilities are provided at this location.
11. Lake Francis Marina, 103 Lake Francis Lane, Lottsburg 22511. Owner: PO Box 229, Lottsburg. Private marina. No contact. 34 slips/moorings available. Present at time of survey were 2 work boats and 9 pleasure boats under 26' and 1 work boat and 1 pleasure boat over 26'. Boating services provided are electricity, water and an in-out ramp. Containers are available for solid waste collection. Sanitary facilities provided are 1 vault privy for men and women. Sewage disposal is by pump and haul. The vault privy is used as a portable toilet dump station facility. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location.
25. Keyser Brothers, Incorporated, 965 Honest Point Road, Lottsburg 22511. Business - shellfish shucker packer. 6 employees. 20 slips available. Present at time of survey were 8 work boats under 26'. The only boating service provided is electricity. There are containers available for solid waste collection. Sanitary facilities provided are 1 commode and 1 lavatory for men and 3 commodes and 1 lavatory for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities are provided. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location.
26. Coan River Marina, 3170 Lake Road, Lottsburg 22511. Commercial marina. 2 employees. 63 slips/19 dry storage spaces available. Present at time of survey were 4 work boat and 6 pleasure boats under 26' and 3 work boats and 34 pleasure boats over 26'; and in dry storage there were 7 pleasure boats under 26' and 22 pleasure boats over 26'. Boating services provided are fuel, in-out ramp, electricity, repair and water. There are containers available for solid waste collection. Sanitary facilities provided are 2 commodes, 2 lavatories and 1 shower for men; and 2 commodes, 2 lavatories and 1 shower for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities and boat holding tank pump-out facilities are provided at this location.

OTHER PLACES WHERE BOATS ARE MOORED

8. Thomas Marine Railway, 170 Church Lane, Lottsburg 22511. Private repair yard. 1 person. 3 slips/moorings available. There were no boats present at time of survey. Boating services provided are electricity and repair. There are no containers available for solid waste collection. The only sanitary facilities provided are 1 pit privy. The privy is used as a portable toilet dump station facility. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location.

10. Charles D. O'Bier Pier, 108 Inland Lane, Lottsburg 22511. Private pier. 1 person. 6 slips/moorings available. Present at time of survey were 3 work boats over 26'. There are no boating services or containers for solid waste collection provided. Sanitary facilities provided are 1 unisex commode and lavatory in shed. Sewage disposal is by a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. There is no boat holding tank pump-out or portable toilet dump station facilities available at this location.
28. Cowart Seafood Company, Incorporated and Lake Packing Company, 755 Lake Landing Road, Lottsburg 22511. Business - shellfish shucker packer. 40 employees. 4 moorings available. Present at time of survey were 4 work boats under 26'. There are no boating services provided at this location. Containers are available for solid waste collection. Sanitary facilities provided are 4 commodes, 3 lavatories and 3 urinals for men; and 5 commodes and 3 lavatories for women. Sewage disposal is to a septic tank with drainfield which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities are available. There are no boat holding tank pump-out facilities at this location.

UNDER SURVEILLANCE

38. Rowes Landing, end of State Route 601(Rowes Landing Road), Heathsville 22473. Owner: County of Northumberland, c/o Kenneth Eades, County Administrator, PO Box 129, Heathsville 22473. Public pier and boat ramp. No contact. 2 moorings available. There were no boats present at time of survey. Containers are available for solid waste collection. The only boating service provided is an in-out ramp. There are no sanitary facilities, portable toilet dump station facilities or boat holding tank pump-out facilities provided at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

22. Location: 39 Candy Lane, Lottsburg 22511. Owner: PO Box 95, Lottsburg. Dwelling - white frame 1 story with green shutters. 2 persons. Present at time of survey were 45 domestic fowl in 3 separate pens. Waste is left on the ground.
36. Ramah Farm, 2059 Dodlyt Road, Heathsville 22473. Dwelling - white frame 2 story with green shutters and roof. 1 person. Present at time of survey were 30 cows in a fenced pasture and 25 chickens in a coop. Manure is left on the ground.
42. Location: 1069 Coan Wharf Road, Heathsville 22473. Dwelling - brick 2 story with white trim and black shutters. 2 persons. Present at time of survey were 30 cows and 5 horses in a fenced pasture 100 yards from an unnamed tributary of the Coan River. Manure is left on the ground.

SUMMARY

Area # 008

Coan River: The Glebe and Kingscote Creek

Date: 14 September 2001

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT WORKS

0 – DIRECT – None

0 – INDIRECT – None

0 – B.1. TOTAL

2. ONSITE SEWAGE DEFICIENCIES

1 – CONTRIBUTES POLLUTION, DIRECT – #27

13 – CONTRIBUTES POLLUTION, INDIRECT – # 5, 9, 12, 14, 18, 19, 24, 29, 30, 31,
35, 37, 41

1 – CP (Kitchen or Laundry Wastes), DIRECT – # 15

9 – CP (Kitchen or Laundry Wastes), INDIRECT – # 1, 2, 3, 6, 13, 20, 21, 23, 33

0 – NO FACILITIES, DIRECT – None

2 – NO FACILITIES, INDIRECT – # 16, 17

26 – B.2.TOTAL

3. POTENTIAL POLLUTION

2 – POTENTIAL POLLUTION – # 4, 4A

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

2 – DIRECT – # 25, 28

5 – INDIRECT – # 7, 26, 32, 39, 40

7 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

0 – DIRECT – None

1 – INDIRECT – # 34

1 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

4 – MARINAS – # 7, 11, 25, 26

3 – OTHER PLACES WHERE BOATS ARE MOORED – # 8, 10, 28

1 – UNDER SURVEILLANCE – # 38

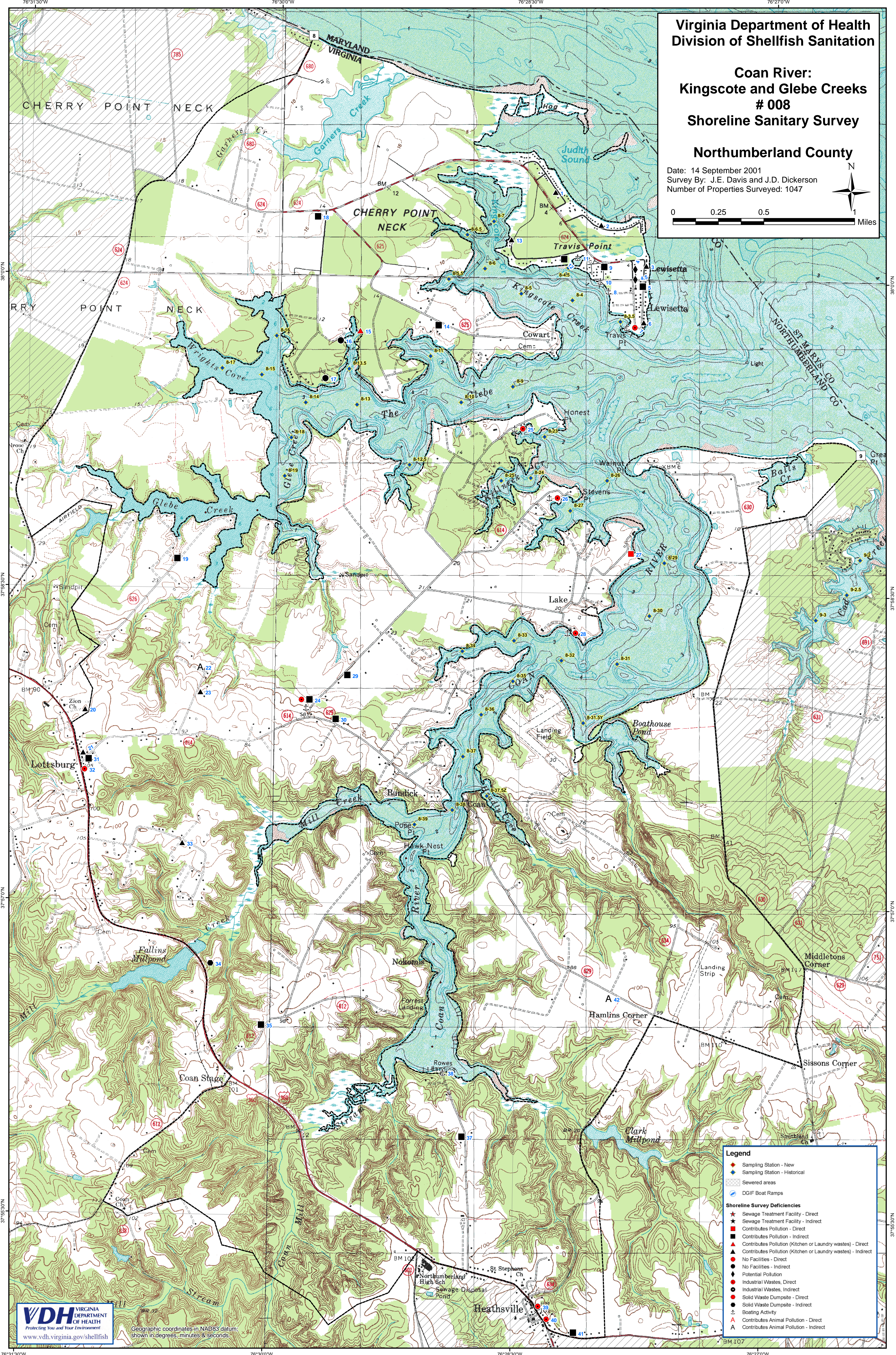
8 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 – DIRECT – None

3 – INDIRECT – # 22, 36, 42

3 – E. TOTAL

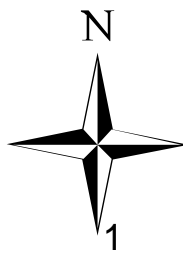
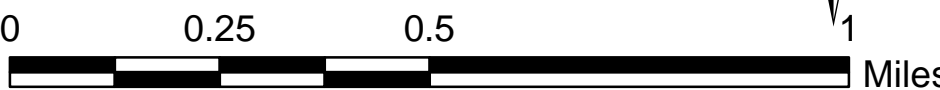


Virginia Department of Health
Division of Shellfish Sanitation

Coan River:
Kingscote and Glebe Creeks
008
Shoreline Sanitary Survey

Northumberland County

Date: 14 September 2001
Survey By: J.E. Davis and J.D. Dickerson
Number of Properties Surveyed: 1047



Legend

- Sampling Station - New
- Sampling Station - Historical
- Sewered areas
- DGIF Boat Ramps

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect